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Before the
Federal Communications Commission
 Washington, DC 20554

NOV 19 2003
 FEDERAL COMMUNICATIONS COMMISSION
 OFFICE OF THE SECRETARY

In the Matter of)	
)	
Amendment of Section 202(b))	MB Docket No 03-
Table of Allotments)	RM- _____
FM Broadcast Station)	
Alturas, California)	

To Chief Allocations Branch
 Policy and Rules Division
 Media Bureau

Petition for Rule Making

Radio Bilingue, Inc , pursuant to Section 1401 of the Commission's Rules, by its attorney, requests that the Commission initiate a rule making proceeding to amend Section 73.202 of its Rules by reserving for noncommercial educational use Channel 297C currently allotted to Alturas, California

Specifically, Radio Bilingue requests that the FM Table of Allocations be amended as follows

<u>Community</u>	<u>Present</u>	<u>Proposed</u>
Alturas, California	267C, 293C1, 297C	267C, 293C1, *297C

The action requested is thus simply addition of an asterisk in the FM Table of Allotments to reflect reservation of that allotment for a noncommercial educational broadcast station

The Commission has established clear and specific criteria governing petitions to add such an asterisk Section 73.202(a)(1) of the Commission's Rules provides that

O+4
 FM-MB
 03-380

"Channels designated with an asterisk may be used only by noncommercial educational broadcast stations. The rules governing the use of those channels are contained in part 73, subpart C of this chapter. An entity that would be eligible to operate a noncommercial educational broadcast station can, in conjunction with an initial petition for rulemaking filed pursuant to part 1, subpart C of this chapter, request that a nonreserved FM channel (channels 221 through 300) be allotted as reserved only for noncommercial educational broadcasting by demonstrating the following:

- (i) No reserved channel can be used without causing prohibited interference to TV channel 6 stations or foreign broadcast stations, or
- (ii) The applicant is technically precluded from using the reserved band by existing stations or previously filed applications and the proposed station would provide a first or second noncommercial educational radio service to 2,000 or more people who constitute 10% of the population within the proposed allocation's 60 dBu (1 mV/m) service contour."

Radio Bilingue is eligible to operate a noncommercial educational broadcast. It is a non-stock California corporation and its eligibility is well-established. It is the licensee of existing noncommercial educational FM stations

KSJV in Fresno, California,

KTQX in Bakersfield, California,

KMPO in Modesto, California,

KUBO in Calexico, California and

KHDC in Chualar, California

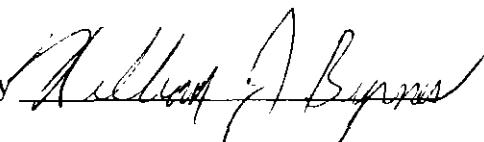
If the reservation requested in this petition is granted, Radio Bilingue will file an appropriate application for Channel 297C in Alturas when the Commission opens a filing window and, if authorized, will proceed promptly with the construction and operation of the new station.

The attached Engineering Report by Gray Frierson Haertig demonstrates that the proposed reservation complies with both the preclusion requirement of Subsection (i) above and the first or second noncommercial service requirement of Subsection (ii) above. The preclusion study also complies with the more detailed explanation set forth in Paragraph 35 of the Second Report and Order in Reexamination of the Comparative Standard for Noncommercial Educational Applicants, MM Docket No 95-31, FCC 03-44, released April 10, 2003.

Accordingly, Radio Bilingue respectfully requests that the Commission initiate the proposed rule making to reserve Channel 297C in Alturas, California for noncommercial service.

Respectfully submitted,

Radio Bilingue, Inc

By 
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Dated November 19, 2003

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17 November 2003

Prepared for Radio Bilingue, Inc

ENGINEERING REPORT IN SUPPORT OF A
PETITION FOR RULEMAKING TO RESERVE
CHANNEL 297C AT ALTURAS, CALIFORNIA
FOR NONCOMMERCIAL EDUCATIONAL USE

This report has been prepared on behalf of Radio Bilingue, Inc., to support its Petition for Rulemaking to reserve Channel 297C at Alturas, California, for noncommercial educational use.

47 CFR § 73.202(a)(1)ii provides that two conditions be met in order to reserve an allocation in the non-reserved spectrum for noncommercial educational use.

The first is that the proponent must be technically precluded from using a channel previously reserved for noncommercial educational use because of other stations or previously filed applications.

The second is that the allocation would provide first or second noncommercial educational service to 2,000 people and 10% of the population within its 60 dB μ contour.

This engineering report will demonstrate that Channel 297C at Alturas, California, meets these conditions and therefore should be reserved for noncommercial educational use.

Preclusion Study

The Second Report and Order in MM Docket No. 95-31, at paragraph 35, provides for a test that "the Commission will treat as establishing a rebuttable presumption of technical preclusion."

The proponent must establish that no class minimum, rules-compliant facility could be constructed on a channel reserved for noncommercial educational use at the reference coordinates of the community of license, and

That no maximum same-class, rules-compliant facility could be constructed on a channel reserved for noncommercial educational use at any of four points which are located on a circle centered on the reference coordinates of the community of license and having a radius one kilometer less than the radius of the predicted 60 dBu contour of a maximum same-class station. These points shall be equally spaced and start at 0 degrees.

Class C maximum facilities operate with an effective radiated power of 100 kilowatts and a height above average terrain of 600 meters. Minimum Class C facilities operate at 100KW ERP and 451 meters HAAT.

Attached as Exhibit I are five preclusion studies each consisting of computerized allocation studies for each channel from 201 through 220. The first study is for minimum Class C facilities at the reference coordinates of Alturas. The other four studies are for maximum Class C facilities at four points located on a circle of 91 kilometer radius centered on Alturas.

With the exception of operation on Channel 211 at a point 91 kilometers due East of Alturas, existing stations and permits and previously filed applications preclude the operation of any Class C facility in the reserved spectrum. As regards operation on Channel 211, included is a coverage map showing that maximum Class C facilities at this location would not place a 60 dBu signal over the community of license and are therefore not rules compliant.

EXHIBIT I
PRECLUSION STUDY

— GRAY FRIERSON HAERTIG & ASSOC —
TELECOMMUNICATIONS ENGINEERING

CH CITY	CALL	TYPE	AZI	DIST	LAT	Pwr(kW)	COR(M)	PRO(km)	*IN*	*OUT*
		STATE	<--	FILE #	LNG	HAAT(M)	INT(km)	LICENSEE	(Overlap	In km)
205A	KFJZ Klamath Falls	LIC	CX	298 9 135 06 118 9 BIED20030317KIU	42 03 54 121 58 14	0 032 718	2003 181 1	21 3	-12 93<	-67 36<
204A	KOAP Lakeview	LIC	C	11 3 78 33 191 3 BIED20000922ABE	42 10 42 120 21 19	0 170 21	1455 118 2	6 4	10 57<	-46 35<
205C1	KOOL Redding	APP	DCN	241 5 190 28 61 5 BPFD19900129MH	40 39 15 122 31 12	4 572 612	1014 191 0	59 9	-35 94<	-60 54<
205C1	KFPR Redding	CP	CN	241 6 202 63 61 6 BPFD19880610MI	40 36 10 122 38 58	0 750 1343	1906 191 0	58 2	-18 80<	-46 59<
Channel 206 89.1 MHz										
207C1	KPJP Greenville	CP	DCX	196 2 144 95 16 2 BMPED20030226ACH	40 13 59 121 01 08	4 500 657	2236 189 3	61 4	-31 41<	-43 82<
205A	KKLJ Klamath Falls	LIC	CX	298 9 135 06 118 9 BIED20030317KIU	42 03 54 121 58 14	0 032 718	2003 116 0	21 3	24 01	2 22<
204A	KOAP Lakeview	LIC	C	11 3 78 33 191 3 BIED20000922ABE	42 10 42 120 21 19	0 170 21	1455 115 5	6 4	-2 28<	60 35
Channel 207 89.3 MHz										
207C1	KPJP Greenville	CP	DCX	196 2 144 95 16 2 BMPED20030226ACH	40 13 59 121 01 08	4 500 657	2236 189 3	61 4	-81 97<	-105 75<
204A	KOAP Lakeview	LIC	C	11 3 78 33 191 3 BIED20000922ABE	42 10 42 120 21 19	0 170 21	1455 115 5	6 4	-2 28<	60 35
Channel 208 89.5 MHz										
209C	KNCA A Burney	APP	CY	239 4 125 70 59 4 BPFD19960417MD	40 54 21 121 49 38	30 000 612	1722 129 5	80 0	-79 08<	-83 82<
208A	KKIC Klamath Falls	LIC	CN	208 3 132 19 128 3 BPFD19850104II	42 12 59 121 47 57	0 210 100	1377 180 0	12 3	12 42	-60 15<
209C2	KNCA Burney	LIC	CN	236 9 123 51 56 9 BPFD19920422KA	40 52 30 121 46 14	2 300 634	1635 129 1	54 0	-43 54<	-59 59<
207C1	KPJP Greenville	CP	DCX	196 2 144 95 16 2 BMPED20030226ACH	40 13 59 121 01 08	4 500 657	2236 127 4	61 4	-31 41<	-43 82<
Channel 209 89.7 MHz										
209C	KNCA Burney	APP	CY	239 4 125 70 59 4 BPFD19960417MD	40 54 21 121 49 38	30 000 612	1722 190 7	80 0	-133 28<	-145 06<
209C2	KNCA Burney	LIC	CN	236 9 123 51 56 9 BPFD19920422KA	40 52 30 121 46 14	2 300 634	1635 190 5	54 0	-92 27<	-120 94<
209C	KJCI Reno	APP	DCN	162 7 251 89 342 7 BPFD19951113MB	39 19 08 119 40 07	13 000 795	2395 189 6	77 5	0 09<	-15 15<
203A	KBUU C Malin	CP	CN	312 3 100 68 132 3 BPFD19950203MA	42 05 32 121 26 35	0 750 271	1648 92 7	27 8	29 0R	71 7M
203A	KFEL Malin	CP	CN	312 3 100 68 132 3 BPFD19950203MA	42 05 32 121 26 35	0 000 1377	0 92 7	15 8	29 0R	71 7M
Channel 210 89.9 MHz										
209C	KNCA A Burney	APP	CY	239 4 125 70 59 4 BPFD19960417MD	40 54 21 121 49 38	30 000 612	1722 129 5	80 0	-79 08<	-83 82<
209C2	KNCA Burney	LIC	CN	236 9 123 51 56 9 BPFD19920422KA	40 52 30 121 46 14	2 300 634	1635 129 1	54 0	-43 54<	-59 59<
203A	KRUG C Malin	CP	CN	312 3 100 68 132 3 BPFD19950203MA	42 05 32 121 26 35	0 750 271	1648 92 7	27 8	35 0R	65 7M

CH	CALL	TYPE	STATE	AZI	DIST	FILE #	LAT	LNG	Pwr(kW)	COR(M)	PRO(km)	*IN*	*OUT*
				<-	FILE #				HAAT(M)	INT(km)	LICENSEE	(Overlap	in km)
262A	RDFI Malin	DFI OR		312 3 132 3	100 68		42 05 32 121 36 35		6 000 -1377	0 92 7	15 8	35 0R	65 7M
Channel 211 90 + MHz													
212A	990415 Greenville	APP CX CA	CA	196 3 19 3	144 94	BPFID19990405MF	40 14 00 12 01 11		0 056 633	2213 127 4	23 1 Pacific Cascade Communicat	-14 28<	-5 47<
265C1	KRUG A Malin	APP OR		307 2 127 2	113 19	BMPFD19991013AAH	42 05 48 121 37 57		12 500 661	1984 92 5	72 4 Malin Christian Church, In	29 0R	84 2M
Channel 212 90 + MHz													
212A	990415 Greenville	APP CX CA	CA	196 3 19 3	144 94	BPFID19990405ME	40 14 00 12 01 11		0 056 633	2213 189 3	23 1 Pacific Cascade Communicat	-14 28<	-67 40<
213C2	KIBC Burney	FIC CN CA	CA	236 9 56 9	123 51	BLFID19980206KA	40 52 29 121 46 13		3 000 630	1631 129 1	56 4 Burney Educ Broadcasting	-46 97<	-62 06<
265C1	KRUG A Malin	APP OR		307 2 127 2	113 19	BMPFD19991013AAH	42 05 48 121 37 57		12 500 661	1984 92 5	72 4 Malin Christian Church, In	31 0R	82 2M
Channel 213 90 + MHz													
213C2	KIBC Burney	FIC CN CA	CA	236 9 56 9	123 51	BLFID19980206KA	40 52 29 121 46 13		3 000 630	1631 190 5	56 4 Burney Educ Broadcasting	96 39<	-123 41<
213A	981319 Emigrant Valley	APP DCN OR		292 4 112 4	173 77	BPFID19980319MO	42 03 55 122 29 00		0 005 727	1835 182 2	11 7 Emigrant Valley Christian	47 78	-20 14<
213A	981318 Emigrant Valley	APP DCN OR		292 4 112 4	173 77	BPFID19980318MJ	42 03 55 122 29 00		0 005 727	1835 182 2	11 7 Emigrant valley Public Rad	47 78	-20 14<
213A	980419 Hornbrook	APP CN CA	CA	286 2 106 2	174 14	BPFID19980319MN	41 54 18 122 33 27		0 200 -173	659 183 3	6 7 Hornbrook Development Cent	71 52	-15 89<
213A	980319 Hornbrook	APP CN CA	CA	286 2 106 2	174 14	BPFID19980319MM	41 54 18 122 33 27		0 200 -173	659 183 3	6 7 Oregon Ed Radio Services	71 52	-15 89<
213C	KK O Tahoe City	FIC VN CA	CA	166 8 346 8	248 04	BLFID19970902KB	39 18 38 119 53 01		38 000 406	2977 190 1	70 0 California State Universit	-0 25<	-12 06<
212A	99040 Greenville	APP CX CA	CA	196 3 16 3	144 94	BPFID19990405MF	40 11 00 12 01 11		0 056 633	2213 127 4	23 1 Pacific Cascade Communicat	-14 28<	-5 47<
267C	A10 Alturas	VAC CA	CA	260 8 80 8	48 06		41 21 00 121 06 32		100 000 -1451	0 108 4	31 0 35 0R	13 1M	
Channel 214 90 - MHz													
15C1	KSKF Klamath Falls	FIC E OR		307 2 127 2	113 26	BLFID19960111KX	42 05 50 121 37 59		6 500 678	2004 114 4	66 0 St of Oregon Act By St Boa	-61 34<	-67 16<
13C2	KIFC Burney	FIC CN CA	CA	236 9 56 9	123 51	BLFID19980206KA	40 52 29 121 46 13		3 000 630	1631 129 1	56 4 Burney Educ Broadcasting	-46 97<	-62 06<
215C3	AP15 Susanville	APP CX CA	CA	181 2 112 2	114 78	BNPFD20000421AAU	40 21 13 120 34 14		2 000 280	1800 131 9	35 4 Ihr Educational Broadcasti	-26 50<	-52 52<
214A	950714 Red Bluff	APP CN CA	CA	223 5 43 5	194 85	BPFID19950714MF	40 12 31 122 07 27		2 500 44	300 189 2	12 7 Tehama County Community Br	59 76	-7 03<
267C	A10 Alturas	VAC CA	CA	260 8 80 8	48 06		41 25 00 121 06 32		100 000 -1451	0 108 4	31 0 29 0R	19 1M	
Channel 215 90 - MHz													
215C1	KSKF Klamath Falls	FIC E OR		307 2 127 2	113 26	BLFID19960111KX	42 05 50 121 37 59		6 500 678	2004 180 0	66 0 St of Oregon Act By St Boa	-112 84<	-132 77<
215C3	AP21 Susanville	APP CX CA	CA	181 2 112 2	114 78	BNPFD20000421AAU	40 21 13 120 34 14		2 000 280	1800 192 5	35 4 Ihr Educational Broadcasti	-66 86<	-113 17<

CH	CITY	TYPE	STATE	AZT	DIST	FILE #	LAT	Pwr(kW)	COR(M)	PRO(km)	*IN*	*OUT*
				<--	--		LNG	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)	
Channel 216 91.1 MHZ												
216C1	KSKR, Klamath Falls	FC	OR	307 1 127 2	113 26 BNPD19960111KX	42 05 50 121 37 59	6 500 678	2004 114 4	66 0 st of Oregon Act By St Boa	-61 34< -67 16<		
216C1	AI219 Alturas	APP	VX CA	50 8 230 8	13 56 BNPED20000421AAS	41 33 50 120 24 55	100 000 197	1553 12 2	63 5 Ihr Educational Broadcasti	-78 04*< -62 09*<		
216C3	AI219 Suzanneville	APP	CX CA	181 2 1 2	114 78 BNPED20000421AAU	40 27 13 120 34 14	2 000 280	1800 131 9	35 4 Ihr Educational Broadcasti	-26 50< -52 52<		
216C2	250713 Redding	APP	DCN CA	241 3 61 5	190 30 BPED19950713MB	40 39 14 122 31 12	1 764 587	986 191 0	49 6 st of Or Acting & Through	-19 41< 50 24<		
216C2	970322 Redding	APP	DCN CA	241 3 61 5	190 30 BPED19950327MA	40 39 14 122 31 12	1 800 579	978 191 0	49 4 Christian Arts And Educati	19 29< -50 11<		
Channel 217 91.3 MHZ												
216C1	AI219 Alturas	APP	VX CA	50 8 230 8	13 56 BNPED20000421AAS	41 33 50 120 24 55	100 000 197	1553 12 2	63 5 Ihr Educational Broadcasti	-78 04*< -62 09*<		
217C2	KNYR Yreka	FIC	CN CA	275 2 95 2	174 29 BLFD19951012KB	41 36 36 122 37 26	0 400 942	1817 189 2	45 8 State of Oregon/state Bd/o	-25 56< -60 74<		
217C	KNTS Carlson City	FIC	CN NV	163 9 343 9	257 34 BLFD19891016KA	39 15 30 119 42 36	67 000 640	2311 189 6	89 2 Western Inspirational Broa	19 67< -21 48<		
218A	KKRO Redding	FIC	CX CA	231 1 54 1	134 00 BLFD20021119ABO	40 46 43 121 50 00	0 290 213	1521 129 1	19 8 Educational Media Foundati	18 08 14 93<		
Channel 218 91.5 MHZ												
19CJ	AP219 Altura	APP	VX CA	50 8 230 8	13 56 BNPED20000421AAS	41 33 50 120 24 55	100 000 197	1553 124 0	63 5 Ihr Educational Broadcasti	-164 08*< -173 95*<		
19A	KKRO Redding	FIC	CX CA	234 4 54 1	134 00 BLFD20021119ABO	40 46 43 121 50 00	0 290 213	1521 190 5	19 8 Educational Media Foundati	-13 68< -76 29<		
Channel 219 91.6 MHZ												
19C1	AP219 Altura	APP	VX CA	50 8 230 8	13 56 BNPED20000421AAS	41 33 50 120 24 55	100 000 197	1553 187 0	63 5 Ihr Educational Broadcasti	-231 35*< -236 94*<		
198	SK-40 Hydro	FIC	CN CA	210 3 30 5	196 52 BLFD19860514KD	39 57 30 121 42 48	7 700 108	1119 186 0	31 1 Univ Foundation/ca	21 96 St U	-20 60<	
218A	SK-KR Redding	FIC	CX CA	234 3 54 4	134 00 BLFD20021119ABO	40 46 43 121 50 00	0 290 213	1521 129 1	19 8 Educational Media Foundati	18 08 -14 93<		
220A	150710 McCloud	APP	CN CA	264 0 84 0	139 14 BPED19950210MA	41 20 43 122 11 42	0 035 840	2434 131 9	23 4 Southern Oregon State Coll	14 44 -16 15<		
220A	160503 McCloud	APP	CN CA	261 8 81 8	143 65 BPED19960503MG	41 17 30 122 14 21	0 100 180	1500 192 3	13 8 Fatima Response Inc	34 78 Dba	-1 80<	
Channel 220 91.9 MHZ												
219CJ	AP219 Altura	APP	VX CA	50 8 230 8	13 56 BNPED20000421AAS	41 33 50 120 24 55	100 000 197	1553 124 0	63 5 Ihr Educational Broadcasti	-164 08*< -173 95*<		
220A	150710 McCloud	APP	CN CA	264 0 84 0	139 14 BPED19950210MA	41 20 43 122 11 42	0 035 840	2434 192 6	23 4 Southern Oregon State Coll	-25 09< -76 79<		
220A	160503 McCloud	APP	CN CA	261 8 81 8	143 65 BPED19960503MG	41 17 30 122 14 21	0 100 180	1500 192 3	13 8 Fatima Response Inc	10 18 Dba	-62 50<	
220A	AP220 Quincy	APP	CX CA	191 4 11 4	175 48 BNPED19991012AAF	39 56 14 120 56 51	0 500 330	1057 191 5	8 5 Ihr Educational Broadcastin	59 60 -24 50<		
Channel-Six TV station of concern												
201B	KEDR Sacramento	FIC	V CA	193 1 13 1	368 96 BLFD19970602KC	38 14 50 121 30 03	8 400 304	305 106 3	48 7 Family Stations, Inc	226 59 213 97		

CH CITY	CALL	TYPE STATE	AZI	DIST < -	FILE #	LAT ING	Pwr(kw)	COR(M)	PRO(km)	"IN"	"OUT"	OVERLAP (in km)
---	---	---	---	---	---	---	---	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)	---

CHANNEL PRECISION STUDY
Alturas Precision Study, Max Facilities at 0 Deg

Radio Bilingue, Fresno, California

CLASS- C , Pwr 100 kw, HAAT= 600 M, COR= 2372 M

Average Protected F(50 50)= 91 87 km

Ave F(50 10) 40 dBu= 197 8 54 dBu 136 6 80 dBu= 50 4 100 dBu= 13 7

DISPLAY DATES

DATA 10-18-03

SEARCH 11-11-03

REFERENCE	CH	CALL	TYPE	AZT	DIST	LA	Pwr(kw)	COR(M)	PRO(km)	"IN"	"OUT"
				STATE	FTLL #	LONG	HAAT(M)	INT(km)	LICENSEE	(Overlap	in km)
Channel 201 88.1 MHz											
201A KOAP	LIC	O	132 8	20 94		42 10 42	0 170	1455	6 4	-81 39<	-2 25<
Lakeview	OR		312 8	BLED20000922ARF		120 21 19	-37	16 8	Oregon Public Broadcasting		
201C2 KNSQ	LIC	CN	255 9	93 11		42 05 50	0 095	1995	24 8	-35 80<	-66 83<
Mount Shasta	CA		75 9	BLFD20021011ABV		121 37 59	572	135 1	The State Board Of Higher		
201C3 980126	LIC	CX	190 0	233 69		42 14 00	0 790	2003	21 1	0 97<	-31 14<
Bend	OR		10 0	BNPED20000517AFH		121 01 11	614	131 2	Educational Media Foundati		
201C3 KFRC	LIC	DCX	265 4	105 70		42 13 23	0 230	2160	30 8	7 05	-20 50<
Susanville	CA		85 4	BNPED20000518ACM		121 49 03	75	136 6	St Bd Of Higher Ed For The		
204C1 350206	APP	CX	265 4	105 70		42 13 23	0 200	1729	47 3	31 68	-2 92<
Keno	OR		85 4	BLFD19950206MB		121 49 03	91	194 7	New Northwest Broadcasters		
204C1 350206	APP	CX	265 4	105 70		42 13 23	0 200	1538	43 4	31 0R	74 7M
Keno	OR		85 4	BLFD19950206MB		121 49 03	91	96 1	Renaissance Community Impr		
Channel 202 88.3 MHz											
204A KOAP	LIC	C	132 8	20 94		42 10 42	0 170	1455	6 4	81 39<	2 25<
Lakeview	OR		312 8	BLED20000922ARF		120 21 19	-37	16 8	Oregon Public Broadcasting		
203A KLMF	LIC	CX	255 9	93 11		42 05 50	0 095	1995	24 8	-35 80<	-66 83<
Klamath Falls	OR		75 9	BLFD20021011ABV		121 37 59	572	135 1	The State Board Of Higher		
202A KSPC	LIC	CN	270 4	182 08		42 17 52	0 230	1170	6 9	81 34	-5 02<
Ashton	OR		90 4	BLFD19950508KB		122 41 58	75	180 2	St Board Of Higher Ed/so		
Channel 203 88.5 MHz											
204A KOAP	LIC	C	132 8	20 94		42 10 42	0 170	1455	6 4	-89 68<	-133 24<
Lakeview	OR		312 8	BLED20000922ARF		120 21 19	-37	147 7	Oregon Public Broadcasting		
203A KLMF	LIC	CX	255 9	93 11		42 05 50	0 095	1995	24 8	-75 24<	-127 54<
Klamath Falls	OR		75 9	BLFD20021011ABV		121 37 59	572	195 8	The State Board Of Higher		
203C2 KJCO	LIC	DCX	190 0	233 69		40 14 00	0 790	2203	42 9	26 83	-12 56<
Quincy	CA		10 0	BNPED20000517AFH		121 01 11	614	203 4	Csn International		
203C2 KWRY	LIC	CX	352 1	239 08		44 26 14	0 706	1729	47 3	31 68	-2 92<
Redmond	OR		172 1	BLFD20021017AAX		120 57 12	783	194 7	St Bd Of Higher Ed For The		
Channel 204 88.7 MHz											
204A KOAP	LIC	C	132 8	20 94		42 10 42	0 170	1455	6 4	-101 95<	-199 72<
Lakeview	OR		312 8	BLED20000922ARF		120 21 19	-37	214 2	Oregon Public Broadcasting		
203A KLMF	LIC	CX	255 9	93 11		42 05 50	0 095	1995	24 8	-35 80<	-66 83<
Klamath Falls	OR		75 9	BLFD20021011ABV		121 37 59	572	135 1	The State Board Of Higher		
205A KKLJ	LIC	CX	257 6	121 07		42 03 54	0 032	2003	21 1	0 97<	-31 14<
Klamath Falls	OR		77 6	BLFD20030317KLU		121 58 14	701	131 2	Educational Media Foundati		
205C3 AP203	APP	CX	319 7	146 85		43 18 23	0 350	2160	30 8	7 05	-20 50<
Hermell	OR		139 7	BNPED20000420ABO		121 42 56	481	136 6	St of Oregon Acting By &		
208C1 KAGOM	LIC	CN	264 8	104 25		42 17 56	0 000	1437	27 6	31 OR	73 3M
Klamath Falls	OR		84 8	BLH19930525KB		121 47 56	20	96 1	New Northwest Broadcasters		
Channel 205 88.9 MHz											
204A KOAP	LIC	C	132 8	20 94		42 10 42	0 170	1455	6 4	-89 68<	-133 24<
Lakeview	OR		312 8	BLFD20000922ARF		120 21 19	-37	147 7	Oregon Public Broadcasting		

CH	CITY	TYPE	AZI	DIST	LAT	Pwr(kw)	COR(m)	PRO(km)	IN'	OUT'
		STATE	<--	FILE #	LNG	HAAT(m)	INT(km)	LICENSEE	(Overlap	in km)
205A	KKLT Klamath Falls	FEC	CX	257 6	121 07	42 03 54	0 032	2003	21 1	-35 69< -91 94<
		OR		77 6	BLFD20030317KJU	121 58 14	701	192 0		Educational Media Foundation
205C3	AP22 Chemult	APP	CX	311 7	146 85	43 18 23	0 350	2160	30 8	-34 05< -81 70<
		OR		139 7	BNPD20000420ABO	121 47 56	481	197 8		St. of Oregon Acting By &
205C1	900129 Redding	APP	DN	222 6	246 95	40 39 15	4 577	1014	60 4	18 85 -5 77<
		CA		42 6	BPFD19900129MII	122 31 17	623	192 3		State of Oregon
208CL	KGDFM Klamath Falls	FEC	CN	264 8	104 25	42 12 56	60 000	1437	27 6	29 0R 75 3M
		OR		81 8	BLH19930525KB	121 47 56	20	96 1		New Northwest Broadcasters
Channel 206 89 1 MHz										
204A	KOAF Lakeview	FEC	C	132 8	70 94	42 10 42	0 170	1455	6 4	-81 39< -2 25<
		OR		312 8	BLFD20000922ABE	120 21 19	-37	16 8		Oregon Public Broadcasting
206C2	KSMR Ashland	CP	CN	270 4	182 08	42 17 52	2 300	1172	12 4	56 63 10 49<
		OR		90 4	BPFD19960715TC	122 44 58	-23	180 2		State of Oregon/state Bd H
206C2	KSMR Ashland	FEC	CN	270 5	182 10	42 17 54	2 300	1172	12 4	56 65 -10 47<
		OR		90 5	BLFD19920511KA	122 44 59	-24	180 2		State of Oregon/state Bd H
205A	KKLT Klamath Falls	FEC	CX	257 6	121 07	42 03 54	0 032	2003	21 1	0 97< -31 14<
		OR		77 6	BLFD20030317KJU	121 58 14	701	131 2		Educational Media Foundation
205C3	AP22 Chemult	APP	CX	319 7	146 85	43 18 23	0 350	2160	30 8	7 05 -20 50<
		OR		139 7	BNPD20000420ABO	121 47 56	481	136 6		St. of Oregon Acting By &
Channel 207 89 2 MHz										
204A	KOAF Lakeview	FEC	C	132 8	70 94	42 10 42	0 170	1455	6 4	-81 39< -2 25<
		OR		312 8	BLFD20000922ABE	120 21 19	-37	16 8		Oregon Public Broadcasting
208A	KFEC Klamath Falls	FEC	CN	264 9	104 26	42 12 59	0 210	1377	6 8	14 66 -21 06<
		OR		84 9	BLFD19850104LL	121 47 57	-45	118 5		State Board Of Higher Educ
207	KPFT Greenvale	CP	DCX	190 0	233 71	40 13 59	4 500	2236	61 1	-2 44< -30 74<
		CA		10 0	BMPFD20030226ACH	121 01 08	648	203 4		Ihr Educational Broadcast
207A	98.12 Josephine River WFO	APP	CN	342 4	191 81	43 56 56	1 800	1484	11 7	55 30 -19 45<
		OR		162 4	BPID19981125MB	121 16 05	129	199 5		William Patrick Donnelly M
207A	98.12 Bend	APP	CN	342 4	191 81	43 56 56	1 800	1484	11 7	55 30 -19 45<
		OR		162 4	BPED19981127MD	121 16 05	-129	199 5		Tesuit Mission, Inc
207C3	98.12 Redmond	APP	CN	342 3	206 98	44 04 40	5 000	1304	27 2	30 27 -19 77<
		OR		162 3	BPID19981203MO	121 19 49	100	199 5		Csn International
207A	97.92 Sisters	APP	CN	342 3	206 97	44 04 40	1 350	1321	21 7	46 81 -14 26<
		OR		162 3	BPED19970925MI	121 19 48	117	199 5		Educational Media Foundation
207A	98.120 Sisters	APP	CN	342 3	206 98	44 04 40	1 000	1300	18 2	54 60 -10 79<
		OR		162 3	BPID19981203MF	121 19 49	96	199 5		Lane Community College
Channel 208 89 5 MHz										
208A	KKLT Klamath Falls	FEC	CN	264 9	104 26	42 12 59	0 210	1377	6 8	1 67< -85 50<
		OR		84 9	BLFD19850104LL	121 47 57	-45	183 0		State Board Of Higher Educ
209C	KNCA A Burney	APP	LY	214 9	188 91	40 54 21	30 000	1722	82 2	-23 82< -30 06<
		CA		34 9	BPFD19960417MD	121 49 38	670	198 1		Oregon State Board of High
208A	KKLT Klamath Falls	FEC	CN	264 9	104 26	42 12 59	0 210	1377	6 8	14 66 -21 06<
		OR		84 9	BLFD19850104LL	121 47 57	45	118 5		State Board Of Higher Educ
209C2	KNCA A Burney	FEC	CN	213 1	189 15	40 52 30	2 300	1635	51 0	-28 61< -60 53<
		CA		33 1	BLFD19920422KA	121 46 14	560	198 7		Oregon State Board of High

ST	CITY	CALL	TYPE	STATE	ZIP	DIST	FILE #	LAT	LNG	PWR(kW)	COR(M)	PRO(km)	"IN"	"OUT"
								HAAT(m)	INT(km)	LICENSEE			(Overlap in km)	
26	Malin	KBUG-C	CP	OR	252 5 72 5	78 18	BPF019950203MA	42 05 32 121 26 35	0 750 215	1648 113 1	24 9	29 0R	49 2M	
26	Malin	RDF	PH	OR	252 5 72 5	78 18		42 05 32 121 26 35	6 000 -1433	0 113 1	15 8	29 0R	49 2M	
Channel 110 89.9 MHZ														
20	Burney	KNCA-A	APP	CA	211 9 34 9	188 91	BPF019960417MD	40 24 21 121 49 38	30 000 670	1722 136 8	82 2	-23 82<	-30 06<	
210C2	Redmond	'981203	APP	OR	252 1 72 1	239 17	BPF019981203MO	44 26 17 120 57 14	0 750 789	1735 194 7	48 1	30 56	-3 59<	
63	Malin	KBUG-C	CP	OR	252 5 72 5	78 18	BPF019950203MA	42 05 32 121 26 35	0 750 215	1648 113 1	24 9	41 0R	37 2M	
26	Malin	RDF	PH	OR	252 5 72 5	78 18		42 05 32 121 26 35	6 000 -1433	0 113 1	15 8	41 0R	37 2M	
Channel 211 90.1 MHZ														
211C	Ashland	KSOK	EFC	DC	281 9 101 9	225 03	BMP0010926ABP	42 41 30 123 13 44	4 223 833	1636 186 8	66 4	-6 31<	-28 08<	
265C1	Malin	KBUG-A	APP	OR	255 8 75 8	93 08	BMP019991013AAH	42 05 48 121 37 57	12 500 561	1984 112 9	68 3	29 0R	64 1M	
Channel 212 90.3 MHZ														
17A	Lat Pine	KKP-TV	CP	OR	334 5 154 5	165 90	BPF019980512MA	43 39 01 121 25 42	0 450 -6	1472 199 5	8 3	45 37	-41 87<	
215C1	Klamath Falls	KSKF	EFC	OR	255 9 75 9	93 11	BLED19960111KX	42 05 50 121 37 59	6 500 581	2004 13 3	62 3	-2 51<	17 43	
213C2	Burney	FBC	EFC	CA	213 1 33 1	189 16	BIF019980206KA	40 52 29 121 46 13	3 000 556	1631 137 2	53 5	17 08	-1 55<	
265C1	Malin	FBC	APP	OR	255 8 75 8	93 08	BMP019991013AAH	42 05 48 121 37 57	12 500 561	1984 112 9	68 3	29 0R	64 1M	
Channel 213 90.6 MHZ														
213A	Emigrant Valley	980318	APP	DCN	261 1 81 1	162 65	BPF019980318MJ	42 03 55 122 29 00	0 005 561	1835 186 7	10 6	38 75	-34 70<	
213A	Emigrant Valley	980319	APP	DCN	261 1 81 1	162 65	BPF019980319MO	42 03 55 122 29 00	0 005 561	1835 186 7	10 6	38 75	-34 70<	
213C2	Burney	KJIC	EFC	CA	213 1 33 1	189 16	BIF019980206KA	40 52 29 121 46 13	3 000 556	1631 198 7	53 5	32 74<	-62 99<	
213A	Hornbrook	980319	APP	CN	255 7 75 7	177 62	BPF019980319MM	41 54 18 122 33 27	0 200 111	659 195 8	6 7	59 54	-29 90<	
213A	Hornbrook	980319	APP	CN	255 7 75 7	172 62	BPF019980319MN	41 54 18 122 33 27	0 200 -111	659 195 8	6 7	59 54	-29 90<	
213A	KVLB	Bend	EFC	OR	242 3 16' 3	206 97	BLED20030730BCI	44 04 40 121 19 48	0 500 106	1310 199 5	15 9	60 92	-8 45<	
215C1	KSKF	Klamath Falls	EFC	OR	255 9 75 9	93 11	BLED19960111KX	42 05 50 121 37 59	6 500 581	2004 13 3	62 3	-2 51<	17 43	
267C	Alturas	ALTO	VAC	CA	205 6 25 6	109 48		41 25 00 121 06 32	100 000 -1489	0 115 9	31 0	35 0R	74 5M	
Channel 214 90.7 MHZ														
215C1	KSKF	Klamath Falls	EFC	OR	255 9 75 9	93 11	BLED19960111KX	42 05 50 121 37 59	6 500 581	2004 135 1	62 3	-89 41<	-104 34<	

CITY	CALL	TYPE	STATE	AZI	ELT	FILE #	LAT	LNG	Pwr (kW)		COR (M)	PRO (km)	*IN*	*OUT*
									HAAT (M)	INT (km)				
17302 KJBC Burney		FTC	CN	213 1 33 1	189 16 BLFD19980206KA		40 52 29 121 46 13		3 000 556	1631 137 2	53 5 Burney Educ	17 08 Broadcasting	-1 55<	
26702 KMG Alturas		VAC	CA	203 6 2 6	109 48		41 25 00 121 06 32		100 000 1489	0 115 9	31 0	29 0R	80 5M	
Channel 215 90.6 MHz														
21501 KSKF Klamath Falls		FTC	E	220 9 75 9	93 11 BLFD19960111KX		42 05 50 121 37 54		6 500 581	2004 195 8	62 3 St of Oregon Act By St Boa	-141 39<	-165 05<	
21503 APR219 Susanville		APP	CX	180 0 0 7	205 78 BNPFD20000421AAU		40 27 13 120 34 14		2 000 280	1800 210 0	35 4 Thr Educational Broadcast	13 15	-39 66<	
Channel 216 91.1 MHz														
21501 KSKF Klamath Falls		FTC	E	225 9 75 9	93 11 BLFD19960111KX		42 05 50 121 37 59		6 500 581	2004 135 1	62 3 St of Oregon Act By St Boa	-89 41<	-104 34<	
21901 APR219 Alturas		APP	VX	172 8 352 8	83 13 BNPFD20000421AAS		41 33 50 120 24 55		100 000 99	1553 16 4	50 6 Thr Educational Broadcast	-22 62<	16 08	
Channel 217 91.3 MHz														
21702 KNVR Yreka		FTC	CN	246 8 66 5	189 19 BLFD19951012KB		41 36 36 121 37 26		0 400 972	1817 193 9	46 4 State of Oregon/state Bd/o	-15 54<	-51 15<	
21702 KOASFM Bend		FIC	EN	342 2 102 2	207 06 BLFD19860128KC		44 04 41 121 19 57		25 000 121	1323 199 5	42 2 Oregon Public Broadcasting	-3 12<	-34 67<	
21901 APR219 Alturas		APP	VX	172 8 352 8	83 13 BNPFD20000421AAS		41 33 50 120 24 55		100 000 99	1553 16 4	50 6 Thr Educational Broadcast	-22 62<	16 08	
21501 KSKF Klamath Falls		FTC	E	225 9 75 9	93 11 BLFD19960111KX		42 05 50 121 37 59		6 500 581	2004 13 3	62 3 St of Oregon Act By St Boa	-2 51<	17 43	
Channel 218 91.4 MHz														
21901 APR219 Alturas		APP	VX	172 8 352 8	83 13 BNPFD20000421AAS		41 33 50 120 24 55		100 000 99	1553 146 2	50 6 Thr Educational Broadcast	96 86<	-113 73<	
21801 KFRC Medford		FTC	CX	212 8 32 8	201 03 BLFD20021119ABO		40 46 43 121 50 00		0 290 197	1521 198 7	19 1 Educational Media Foundati	49 34	-16 72<	
15101 KSEF Klamath Falls		FTC	E	225 9 75 9	93 11 BLFD19960111KX		42 05 50 121 37 59		6 500 581	2004 13 3	62 3 St of Oregon Act By St Boa	-2 51<	17 43	
Channel 219 91.7 MHz														
21901 APR219 Alturas		APP	VX	172 8 352 8	83 13 BNPFD20000421AAS		41 33 50 120 24 55		100 000 99	1553 211 3	50 6 Thr Educational Broadcast	-162 99*<	-178 86<	
21902 KDCV Medford		FTC	CN	270 1 90 4	186 60 BLFD19950811KB		42 17 44 122 48 15		26 000 -480	588 180 2	22 9 Family Life Broadcasters I	8 42	-16 43<	
Channel 220 91.9 MHz														
21901 APR219 Alturas		APP	VX	172 8 352 8	83 13 BNPFD20000421AAS		41 33 50 120 24 55		100 000 99	1553 146 2	50 6 Thr Educational Broadcast	-96 86<	-113 73<	
120A 950210 McCloud		APP	CN	232 6 52 6	173 98 BPEFD19950210MA		41 20 43 122 11 42		0 035 485	2434 189 6	17 5 Southern Oregon State Coll	29 07	-33 10<	
120A 960503 McCloud		APP	CN	231 8 51 8	180 59 BPEFD19960503MG		41 17 30 122 14 21		0 100 -312	1500 189 4	5 6 Fatima Response Inc Dba	76 43	-14 43<	
12301 KADI Klamath Falls		FTC	CN	225 9 75 9	93 11 BLH19891205KA		42 05 50 121 37 59		63 000 565	1988 13 3	85 7 New Northwest Broadcasters	-9 03<	-5 89<	
Channel six tv station of concern														
0102 KNSQ Mount Shasta		FTC	CN	231 0 75 0	189 24 BLED19940505KC		41 13 22 122 17 51		5 000 196	1494 104 2	37 1 State of Ore /state Bd Of	63 42	47 96	

ON CITY	CALL SIGN	TYPE STATE	RZT <	DIST FILE #	LAT LNG	PWR(KW) HAAT(M)	COR(M) INT(km)	PRO(km)	*IN*	*OUT*	Overlap (Overlap in km)
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CHANNEL PRECLUSION STUDY
Alturas Preclusion Study, Max Facilities at 90 Deg
Radio Billingue, Fresno, California

REFERENCE-
 41° 29' 13" N
 118° 27' 05" W

CLASS= C PWR = 100 kW, HAAT= 600 M, COR= 2413 M
 Average Protected F(50 50)= 91.82 km

Ave E(50 10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7

DISPLAY DATES
 DATA 10-18-03
 SEARCH 11 11 03

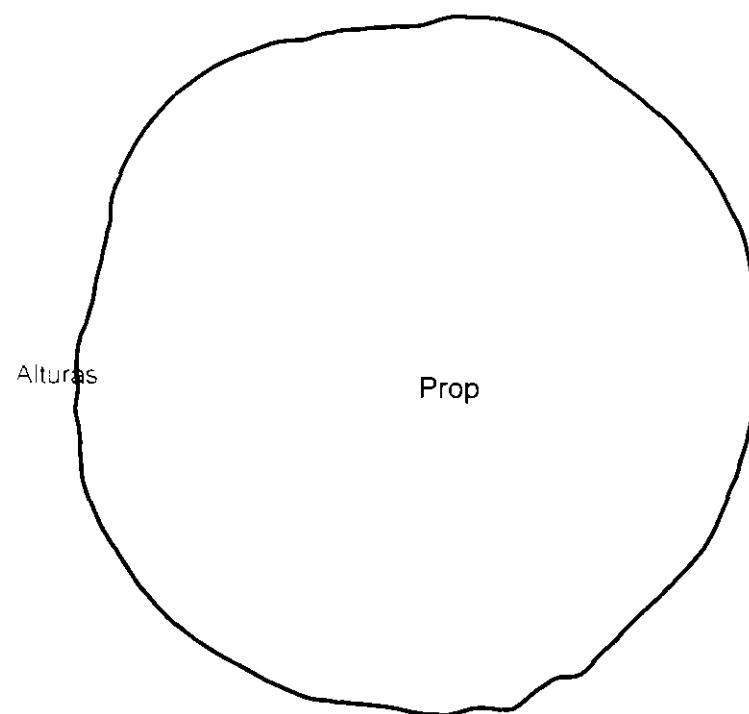
CITY	CALL	TYPE	STATE	AZT	DIST	LAT	Pwr(kW)	COR(M)	PRO(km)	LICENSEE	'IN'	'OUT'
				FILL #	ING	HAAT(M)	INT(km)				(Overlap in km)	
Channel 201 88.1 MHz												
201C3 KF11 Susanville	KF11	CP	DCX CA	218 4 38 4	152 99 BNPFD20000518ACM	40 24 12 120 34 25	75 000 -126	1336 200 2	22 7 Broadcasting For The Chall	40 10<	69 91<	
202C1 KFR Sparks	KFR	CP	CX NV	180 4 0 4	191 71 BNPFD20000518ACL	39 45 38 119 27 59	1 800 1015	2556 139 7	61 6 Educational Media Foundati	5 85	-9 59<	
201C2 KNSQ Mount Shasta	KNSQ	FTC	CN CA	263 9 83 9	239 95 BLFD19940505KC	41 13 22 122 17 51	5 000 431	1494 190 0	51 4 State Of Ore /state Bd Of	28 03	-1 47<	
Channel 202 88.3 MHz												
202C1 KERIE Sparks	KERIE	CP	CX NV	180 4 0 4	191 71 BNPFD20000518ACI	39 45 38 119 27 59	1 800 1015	2556 201 8	61 6 Educational Media Foundati	-42 85<	-71 77<	
201C3 KF11 Susanville	KF11	CP	DCX CA	218 4 38 4	152 99 BNPFD20000518ACM	40 24 12 120 34 25	25 000 126	1336 138 4	22 7 Broadcasting For The Chall	24 16	-8 09<	
Channel 203 88.7 MHz												
204A KOAP Lakeview-W	KOAP	FTC	C OR	316 1 136 1	107 38 BLED20000922ABE	42 10 42 120 21 19	0 170 -422	1455 134 9	6 4 Oregon Public Broadcasting	7 66	-33 98<	
204C2 KFG Orme	KFG	FTC	DCX CA	223 9 43 9	191 99 BNPFD20000517AFII	40 14 00 121 01 11	0 790 581	2203 199 7	41 7 Csn International	10 67<	-49 46<	
202A KEMI Klamath Falls	KEMI	FTC	CX OR	291 3 111 3	193 58 BLFD20021011ABV	42 05 50 121 37 59	0 095 570	1995 187 1	24 8 The State Board Of Higher	32 41	-18 35<	
202C1 KFRH Sparks	KFRH	CP	CX NV	180 4 0 4	191 71 BNPFD20000518ACL	39 45 38 119 27 59	1 800 1015	2556 139 7	61 6 Educational Media Foundati	5 85	-9 59<	
Channel 204 88.7 MHz												
204A KOAP Lakeview	KOAP	FTC	C OR	316 1 136 1	107 38 BLED20000922ABE	42 10 42 120 21 19	0 170 -422	1455 195 6	6 4 Oregon Public Broadcasting	-4 62<	-94 64<	
204C KUNR Reno	KUNR	FTC	CN NV	185 0 5 0	248 27 BMLFD19930412KA	39 15 34 119 47 16	20 000 460	2306 200 3	66 8 University Of Nevada, Reno	0 64<	-18 81<	
Channel 205 88.9 MHz												
204A KOAP Lakeview	KOAP	FTC	C OR	316 1 136 1	107 38 BLED20000922ABE	42 10 42 120 21 19	0 170 -422	1455 134 9	6 4 Oregon Public Broadcasting	7 66	-33 98<	
- Channel 206 89.1 MHz												
207C1 KP1P Greenville	KP1P	CP	DCX CA	223 9 43 9	191 96 BMPFD20030226ACH	40 13 09 121 01 08	4 500 608	2236 138 0	59 7 Ihr Educational Broadcast	10 65	-5 74<	
Channel 207 89.3 MHz												
207C1 KP1P Greenville	KP1P	CP	DCX CA	223 9 43 9	191 96 BMPFD20030226ACH	40 13 09 121 01 08	4 500 608	2236 199 7	59 7 Ihr Educational Broadcast	-40 01<	-67 45<	
Channel 208 89.5 MHz												
209C1 KNCA Burney	KNCA	APP	CY CA	252 8 72 8	209 47 BPED19960417MD	40 54 21 121 49 38	30 000 631	1722 132 9	80 7 Oregon State Board Of High	1 60<	-4 18<	
209C3 AP-09 Yreñemurca	AP-09	APP	CX NV	110 0 299 0	150 86 BNPFD20000313AAO	41 00 40 117 41 57	0 450 672	2069 140 1	39 7 Lifetalk Broadcasting Asso	3 81<	-28 90<	

CH CITY	CALL	TYPE STATE	AZI <	DIST FILE #	LAT LNG	Pwr(kw) HAAT(M)	COR(m) INT(km)	PRO(km)	*IN*	*OUT*
			-					LICENSEE	(Overlap	in km)
209C1	KPJP	CP	DCX	223 9 43 9	191 96 BMPED20030226ACH	40 13 59 121 01 08	4 500 608	2236 138 0	59 7 Ihr	10 65 Educational Broadcast
Channel 209 50.0 MHz										
209C3	AP2109	APP	CX	110 0 290 0	150 86 BNPFD20000313AAO	41 00 40 117 45 57	0 450 672	2069 702 4	39 7 Lifetalk	-49 22< Broadcasting Asso
209C KNCA	Burney	APP	CY	251 8 72 8	209 47 BPLD19960417MD	40 54 21 121 49 38	30 000 631	1722 193 4	80 7 Oregon State Board Of High	-52 65< -64 69<
209C K51113	Reno	APP	DN	181 1 4 4	241 45 BPLD19951113MB	39 19 08 119 40 0.	10 019 495	2395 700 3	61 9 Stockton Christian Life Col	3 56< -20 71<
209C2	KNCA	ELC	CN	251 4 71 4	206 10 BLFD19920427KA	40 52 30 121 46 14	2 300 629	1635 194 4	53 8 Oregon State Board Of High	-12 64< -42 10<
209C2 950718	Tahoe City	APP	CN	188 7 8 7	244 43 BPLD19950718MA	39 18 38 119 53 01	0 600 835	2977 700 6	47 2 Thomas Aquinas School	33 91 -3 44<
Channel 210 89.9 MHz										
209C KNCA	Burney	APP	CY	251 8 72 8	209 47 BPLD19960417MD	40 54 21 121 49 38	30 000 631	1722 132 9	80 7 Oregon State Board Of High	1 60< -4 18<
209C3	AP2109	APP	CX	110 0 290 0	150 86 BNPFD20000313AAO	41 00 40 117 45 57	0 450 672	2069 140 1	39 7 Lifetalk	-3 81< -28 90<
Channel 211 90.0 MHz										
Channel 212 90.0 MHz										
LA 99108	Greenville	APP	CX	223 9 43 9	191 99 BPLD19990405MI	40 14 00 121 01 11	0 056 591	2213 199 7	22 2 Pacific Cascade Communicat	27 29 -29 98<
Channel 213 90.0 MHz										
LA 9KTO	Tahoe City	ELC	CN	188 8 8 7	244 43 BLED19970902KB	39 18 38 119 53 01	38 000 835	2977 700 6	90 0 California State Universit	-38 90< 46 23<
215C2 1430	Burney	ELC	CN	251 4 71 4	206 09 BLFD19980206KA	40 52 29 121 46 13	3 000 626	1631 194 4	56 3 Burney Educ	-16 78< -44 60<
Channel 214 90.0 MHz										
215C3	AP215	APP	CX	219 6 39 6	148 45 BNPFD20000421AAU	40 27 13 120 34 14	2 000 273	1800 138 3	35 1 Ihr	2 75 Educational Broadcast
Channel 215 90.0 MHz										
215C3 AP215	Susanville	APP	CX	219 6 39 6	148 45 BNPFD20000421AAU	40 27 13 120 34 14	2 000 273	1800 200 1	35 1 Ihr	-37 50< -86 73<
215C1 KSKF	Klamath Falls	ELC	EF	291 3 111 3	193 58 BLFD19960111KX	42 05 50 121 37 59	6 500 579	2004 187 1	62 3 St of Oregon Act By St Boa	-33 75< -55 83<
Channel 216 91.1 MHz										
215C3 AP215	Susanville	APP	CX	219 6 39 6	148 45 BNPFD20000421AAU	40 27 13 120 31 14	2 000 273	1800 138 3	35 1 Ihr	2 75 Educational Broadcast
219C1 AP219	Altura	APP	VX	276 4 96 4	80 88 BNPFD20000421AAS	41 33 50 120 24 55	100 000 -211	1553 12 2	31 0 Ihr	-5 79< 37 75
Channel 217 91.3 MHz										
217C KNIS	Carson City	ELC	CN	185 1 5 1	248 44 BLFD19891016KA	39 15 30 119 4' 36	67 000 535	2311 200 3	84 7 Western Inspirational Broa	28 94< -36 61<

CH CITY	CALL ---	TYPE ---	STATE ---	AZI ---	DIST ---	LAT ---	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
2201	AP219 Altura	APP CA	VX 96 4	276 4	80 88 BNPFD20000421AAS	41 33 50 120 24 55	100 000 -211	1553 12 2	31 0 1hr	5 79< Educational Broadcast	37 75
Channel 218 91.5 MHz											
21901	AP219 Altura	APP CA	VX 96 4	276 4	80 88 BNPLD20000421AAS	41 33 50 120 24 55	100 000 -211	1553 124 1	31 0 1hr	-61 70< Educational Broadcast	-74 21<
Channel 219 91.5 MHz											
21901	AP219 Alturas	APP CA	VX 96 4	276 4	80 88 BNPFD20000421AAS	41 33 50 120 24 55	100 000 -211	1553 187 1	31 0 1hr	-133 34< Educational Broadcast	-137 17<
Channel 210 91.5 MHz											
21901	AP219 Alturas	APP CA	VX 96 4	276 4	80 88 BNPFD20000421AAS	41 33 50 120 24 55	100 000 -211	1553 124 1	31 0 1hr	-61 70< Educational Broadcast	-74 21<
Channel 219 station of concern --											
20102	SN5Q Mount Shasta	FTC CA	CN 83 9	263 9	239 95 BLFED19940505KC	41 13 22 122 17 51	5 000 431	1494 105 3	51 4 State Of Ore /state Bd	94 21 OF	83 22

Prop
Latitude 45° 15' 00"
Longitude -122° 45' 00"
TRP: 100 dB
Chawxx 2
Elevation: 88.94 ft
AMSL Height: 812.92
Elevation: 1724'
Horiz. Elevation: 0.00'
Vert. Priority: No
Prop Mask: None

Gray Frierson Haertig & Assoc
820 North River Street Suite 100
Portland, Oregon 97227
503-282-2989 gfh@haertig.com



Preclusion Study - 60 dBu Contour
Channel 211 Maximum Facilities at 27 KM
Due East of the Community Reference Coordinates

Scale 1:2,000,000 km
0 20 40 60

CHANNEL PRECLUSION STUDY
 Alturas Preclusion Study, Max Facilities at 180 Deg
 Radio Bilingue, Fresno, California
 REFERENCE
 40 40 02 N
 120 32 29 W
 CLASS C, Pwr= 100 kw, HAAT= 600 M, COR= 2331 M
 Average Protected F(50-50)= 91.82 km
 AVE F(50 10) 40 dBu= 197.8 54 dBu= 136.6 80 dBu= 50.4 100 dBu= 13.7
 DISPLAY DATES
 DATA 10-18-03
 SEARCH 11-11-03

CH	CALL	TYPE	A/1	DIST	LA1	Pwr (kW)	COR(M)	PRO(km)	"IN"	"OUT"
		STATE	-	FREQ #	LONG	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)	
Channel 201 68.1 MHz										
201CB KFEE	Susanville	CP DDX	185 3	29 43	40 24 12	25 000	1336	22 7	-164.56<	194.94<
		CA	5 2	BNPFD20000518ACM	120 34 25	214	201 7	Broadcasting For The Chall		
201JA KQNC	Quincy	CP CN	203 1	88 11	39 56 14	0 500	1057	8 5	-37.18*<	-126.27<
		CA	2 1	RNPFD20000119ABU	120 56 51	-420	205 9	California State Universit		
201B KJVC	Magalia	LIC CN	232 1	126 53	39 57 45	5 700	1177	25 4	-1.37<	-31.74<
		CA	52 1	BLFD19990114KB	121 42 40	81	132 9	Educational Media Foundati		
201C2 KN5Q	Mount Shasta	LIC CN	293 3	160 23	41 13 22	5 000	1494	55 2	-59.57<	-85.64<
		CA	113 3	BLED19940505KC	122 17 51	499	190 7	State of Ore /state Bd Of		
201C1 KLRH	Sparks	CP CX	137 5	136 05	39 45 38	1 800	2556	48 5	-35.50<	-56.88<
		NV	317 5	BNPFD20000518ACI	119 27 59	558	144 4	Educational Media Foundati		
103C2 KJLQ	Quincy	CP DDX	220 1	62 99	40 14 00	0 790	2203	42 8	33.36<	5.74
		CA	40 1	BNPFD20000517AFH	121 01 11	611	14 5	Csn International		
103C KFBI	Reedley	LIC C	220 1	62 99	40 14 00	25 000	2274	80 7	29.0R	34.0M
		CA	40 1	BLH19990211KB	121 01 11	682	117 9	Carousel Broadcasting, Inc		
Channel 202 68.3 MHz										
202B KJVC	Magalia	LIC CN	232 1	126 53	39 57 45	5 700	1177	25 4	-44.94<	-92.25<
		CA	52 1	BLFD19990114KB	121 42 40	81	193 4	Educational Media Foundati		
201C3 KFBI	Susanville	CP DDX	185 3	29 43	40 24 12	25 000	1336	22 7	-100.30*<	-132.79<
		CA	5 3	BNPFD20000518ACM	120 34 25	-214	139 6	Broadcasting For The Chall		
202C1 KLRH	Sparks	CP CX	137 5	136 05	39 45 38	1 800	2556	48 5	-83.57<	-120.78<
		NV	317 5	BNPFD20000518ACI	119 27 59	558	208 3	Educational Media Foundati		
103C2 KJLQ	Quincy	CP DDX	220 1	62 99	40 14 00	0 790	2203	42 8	-96.39*<	-119.71<
		CA	40 1	BNPFD20000517AFH	121 01 11	611	139 9	Csn International		
201JA KQNC	Quincy	CP CN	203 1	88 11	39 56 14	0 500	1057	8 5	-20.64<	-63.14<
		CA	2 1	RNPFD20000119ABU	120 56 51	-420	142 7	California State Universit		
201C2 KN5Q	Mount Shasta	LIC CN	293 3	160 23	41 13 22	5 000	1494	55 2	-9.09<	-24.35<
		CA	113 3	BLED19940505KC	122 17 51	499	129 4	State Of Ore /state Bd Of		
201C KJRN	Chester	LIC C	220 1	62 99	40 14 00	25 000	2274	80 7	29.0R	34.0M
		CA	40 1	BLH19990211KB	121 01 11	682	117 9	Carousel Broadcasting, Inc		
Channel 203 68.5 MHz										
203C2 KJLQ	Quincy	CP DDX	220 1	62 99	40 14 00	0 790	2203	42 8	-142.96<	-181.96<
		CA	40 1	BNPFD20000517AFH	121 01 11	611	202 2	Csn International		
202B KJVC	Magalia	LIC CN	232 1	126 53	39 57 45	5 700	1177	25 4	-1.37<	-31.74<
		CA	52 1	BLFD19990114KB	121 42 40	81	132 9	Educational Media Foundati		
202C1 KLRH	Sparks	CP CX	137 5	136 05	39 45 38	1 800	2556	48 5	-35.50<	-56.88<
		NV	317 5	BNPFD20000518ACI	119 27 59	558	144 4	Educational Media Foundati		
204C KUNR	Reno	LIC CN	155 2	171 89	39 13 34	20 000	2306	76 0	37.32<	-47.19<
		NV	335 2	BLED19930412KA	119 42 16	620	143 1	University Of Nevada, Reno		
201C3 KJLQ	Susanville	CP DDX	185 3	29 43	40 24 12	25 000	1336	22 7	67.00*<	-7.63<
		CA	5 3	BNPFD20000518ACM	120 34 25	-214	14 4	Broadcasting For The Chall		
203A KIMI	Klamath Falls	LIC CX	330 6	183 20	42 05 30	0 095	1995	28 0	14.54	-31.66<
		OR	150 6	BLED20021011ABV	121 37 59	724	186 9	The State Board Of Higher		
201JA KQNC	Quincy	CP CN	203 1	88 11	39 56 14	0 500	1057	8 5	-10.22<	64.07
		CA	2 1	BNPFD20000119ABU	120 56 51	-420	15 5	California State Universit		

CH CTTY	CALL SIGN	TYPE STATE	AZI <-	DIST FILE #	LAT LNG	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN*	*OUT*
(Overlap in km)										
Channel 204 88.1 MHz										
203C2 KJQK-C Quincy										
204C KUNR Reno	KJQK-C	FCC CA	220 1 46 1	62 99 BNPFD20000517AFH	40 14 00 121 01 11	0 790 611	2203 139 9	42 8 Csn International	96 39*<	119 71<
204C KUNR Reno	KJQK-C	FCC NV	155 2 33 2	171 89 BMPFD19930412KA	39 15 34 119 42 16	20 000 620	2306 206 4	76 0 University Of Nevada, Reno	-90 69<	-110 48<
204C KFEE-C Susanville	KJQK-C	FCC CA	184 3 5 3	29 43 BNPFD20000518ACM	40 24 12 120 34 28	25 000 214	1336 14 4	22 7 Broadcasting For The Chall	67 00*<	-7 63<
204B1 KXJS-C Butte	KJQK-C	FCC CA	214 3 34 3	195 63 BNPFD20030626AAB	39 12 20 121 49 10	0 114 584	653 205 0	26 2 California State Universit	18 58	-35 60<
204A KUAP Lakeview	KJQK-C	FCC OR	185 2 185 2	168 54 BLFD20000922A8F	42 10 42 120 21 19	0 170 20	1455 194 1	6 4 Oregon Public Broadcast	57 61	-31 95<
207C1 KPJP-C Greenville	KJQK-C	FCC CA	220 1 40 1	62 97 BMPFD20030226ACH	40 13 59 121 01 08	4 500 641	2236 14 5	60 9 Ihr Educational Broadcast	-35 73*<	-12 37<
205C1 900129 Redding	KJQK-C	FCC CA	270 1 90 1	167 33 BPFID19900129MH	40 39 15 122 31 12	4 510 744	1014 136 0	64 4 State Of Oregon	-19 03<	-33 04<
205C1 KFPR-C Redding	KJQK-C	FCC CA	268 4 88 4	178 48 BPFID19880610MI	40 36 10 122 38 58	0 750 1455	1906 135 9	59 6 The Univ found Ca State U	-2 33<	16 94<
201A KQNC Quincy	KJQK-C	FCC CA	203 1 23 1	88 11 BNPFD20000119ABU	39 56 14 120 56 51	0 500 420	1057 15 5	8 5 California State Universit	-10 22*<	64 07
Channel 205 88.3 MHz										
205C1 900129 Redding	KJQK-C	FCC CA	270 1 90 1	167 33 BPFID19900129MH	40 39 15 122 31 12	4 510 744	1014 197 0	64 4 State Of Oregon	-69 57<	-94 02<
205C1 KFPR-C Redding	KJQK-C	FCC CA	268 4 88 4	178 48 BPFID19880610MI	40 36 10 122 38 58	0 750 1455	1906 196 8	59 6 The Univ found Ca State U	50 01<	-77 87<
204C KUNR Reno	KJQK-C	FCC NV	155 2 33 2	171 89 BMPFD19930412KA	39 15 34 119 42 16	20 000 620	2306 143 1	76 0 University Of Nevada, Reno	-37 32<	-47 19<
206B1 KHAP Chico	KJQK-C	FCC CA	223 1 43 1	142 43 BLFD19880915KB	39 43 37 121 40 45	12 000 156	386 138 6	19 0 Family Stations, Inc	20 86	-15 16<
207C1 KPJP-C Greenville	KJQK-C	FCC CA	220 1 40 1	62 97 BMPFD20030226ACH	40 13 59 121 01 08	4 500 641	2236 14 5	60 9 Ihr Educational Broadcast	-35 73*<	-12 37<
205C2 KJQK-C Quincy	KJQK-C	FCC CA	220 1 40 1	62 99 BNPFD20000517AFH	40 14 00 121 01 11	0 790 611	2203 14 5	42 8 Csn International	-33 36*<	5 74
205A KKFI Klamath Falls	KJQK-C	FCC OR	323 0 143 0	195 95 BLFD20030317KIU	42 03 54 121 58 14	0 032 654	2003 178 2	20 3 Educational Media Foundati	52 83	-2 55<
259A KTOR Westwood	KJQK-C	FCC CA	221 2 41 2	63 13 BLH20030515AAX	40 14 21 121 01 52	0 090 728	2291 117 5	27 7 Sierra Radio, Inc	29 OR	34 1M
259A KTOR Westwood	KJQK-C	RSV CA	221 2 41 2	63 13 RM10382	40 14 21 121 01 52	6 000 -1563	0 117 5	15 8	29 OR	34 1M
Channel 206 89.1 MHz										
207C1 KPJP-C Greenville	KJQK-C	FCC CA	220 1 40 1	62 97 BMPFD20030226ACH	40 13 59 121 01 08	4 500 641	2236 139 9	60 9 Ihr Educational Broadcast	-121 54*<	-137 82<
206B1 KHAP Chico	KJQK-C	FCC CA	223 1 43 1	142 43 BLFD19880915KB	39 43 37 121 40 45	12 000 156	386 200 5	19 0 Family Stations, Inc	35 18<	-77 04<
203C2 KJCO-C Quincy	KJQK-C	FCC CA	220 1 40 1	62 99 BNPFD20000517AFH	40 14 00 121 01 11	0 790 611	2203 14 5	42 8 Csn International	33 36*<	5 74
205C1 900129 Redding	KJQK-C	FCC CA	270 1 90 1	167 33 BPFID19900129MH	40 39 15 122 31 12	4 510 744	1014 136 0	64 4 State Of Oregon	-19 03<	-33 04<
205C1 KFPR-C Redding	KJQK-C	FCC CA	268 4 88 4	178 48 BPFID19880610MI	40 36 10 122 38 58	0 750 1455	1906 135 9	59 6 The Univ found Ca State U	-2 33<	16 94<

CH	CITY	CALL	TYPE	AZI	DIST	FILE #	LAT	Pwr(kW)	COR(m)	PRO(km)	*IN*	*OUT*
			STATE	<--	FTLE #		LNG	HAAT(m)	INT(km)	LICENSEE	(Overlap in km)	
279A	ALTO	RSV	CA	221 2 41 2	63 13 RM10382		40 14 21 121 01 52	6 000 -1563	0 117 5	15 8	35 0R	28 1M
279A	STOK	FET	CA	221 2 41 2	63 13 BLH20030515AAX		40 14 21 121 01 52	0 090 728	2291 117 5	27 7	35 0R	28 1M
Channel 207 89.3 MHz												
207C1	SPRINGFIELD	KPJP	CA	220 1 40 1	62 97 BMPFD20030226ACH		40 13 59 121 01 08	4 500 641	2236 202 2	60 9	-172 12<	-200 07<
206B1	CHICO	KHAR	CA	220 1 40 1	142 43 BLED19880915KB		39 43 37 121 40 45	12 000 156	386 138 6	19 0	20 86	-15 16<
208B1	NVMR	KVMR	CA	19 0 1 0	161 83 BLD20001020AAK		39 14 47 120 57 48	1 750 201	1205 142 4	29 2	21 23	-9 84<
208A	95L12	KRDO	NV	152 3 332 3	137 13 BPED19951127MA		39 34 20 119 47 51	2 108 2	1557 144 7	12 2	20 92	-19 77<
207C2	971211	KYK	CA	262 6 82 6	222 67 BPED19971211MI		40 22 48 123 08 31	0 790 570	1747 196 5	41 3	22 70	-15 11<
Channel 208 89.5 MHz												
207C1	KPJP	KPJP	CA	220 1 40 1	62 97 BMPFD20030226ACH		40 13 59 121 01 08	4 500 641	2236 139 9	60 9	-121 54<	-137 82<
209C	KNCA A	KNCA A	CA	284 2 104 2	111 72 BPED19960417MD		40 51 21 121 49 38	30 000 637	1722 134 1	81 0	97 32<	-103 31<
208B1	NVMR	NVMR	CA	193 0 13 0	161 83 BLD20001020AAK		39 14 47 120 57 48	1 750 201	1205 205 5	29 2	-17 83<	-72 87<
208A	95L12	KRDO	NV	152 3 332 3	137 13 BPED19951127MA		39 34 20 119 47 51	2 108 2	1557 208 9	12 2	-7 74<	-83 88<
209C2	KNCA B	KNCA B	CA	283 0 103 0	106 31 BLD19920422KA		40 52 30 121 46 14	2 300 518	1635 134 3	48 8	-57 57<	-76 81<
209C	95L11	KRDO	NV	153 3 333 3	167 24 BPED19951113MB		39 19 08 119 40 07	13 000 888	2395 144 3	80 0	-47 58<	-57 06<
209C2	950718	TAHOE CITY	CA	159 4 339 4	160 77 BPED19950718MA		39 18 38 119 53 01	0 600 230	2977 140 6	24 5	28 97	-4 26<
206A	RADD	KHCO	CA	198 6 18 6	29 39		40 24 59 120 39 07	6 000 -1600	0 120 7	15 8	41 0R	11 6M
206A	QUINCY	KHCO	CA	203 1 23 1	88 06 BLH20010802ABH		39 56 15 120 56 49	0 900 424	1055 120 6	9 9	41 0R	47 1M
206A	RDCL	KHCO	CA	203 1 23 1	88 06		39 56 15 120 56 49	6 000 1479	0 120 6	15 8	41 0R	47 1M
Channel 209 89.7 MHz												
209C	KNCA A	KNCA A	CA	284 2 104 2	111 72 BPED19960417MD		40 54 21 121 49 38	30 000 637	1722 194 6	81 0	-151 59<	-163 83<
209C2	KNCA B	KNCA B	CA	283 0 103 0	106 31 BLD19920422KA		40 52 30 121 46 14	2 300 518	1635 194 9	48 8	-105 68<	-137 36<
209C	95L113	KRDO	NV	153 3 333 3	167 24 BPED19951113MB		39 19 08 119 40 07	13 000 888	2395 208 2	80 0	-101 05<	-120 91<
209C2	950718	TAHOE CITY	CA	159 1 339 4	160 77 BPED19950718MA		39 18 38 119 53 01	0 600 230	2977 203 0	24 5	-6 48<	-66 69<
209B1	960416	TEHAMA	CA	244 6 64 6	197 38 BPED19960416MB		39 53 16 122 37 38	2 981 507	758 196 7	50 7	-19 08<	-50 04<
209B1	950720	PARADISE	CA	244 6 64 6	197 38 BPED19950720MA		39 53 16 122 37 38	1 716 507	758 196 7	45 4	-9 68<	-44 76<

CH	CITY	CALL	TYPE	STATE	AZT	DIST	FILE #	LAT	LNG	Pwr(kw)	COR(M)	PRO(km)	*IN*	*OUT*		
										HAAT(M)	INT(km)	LICENSEE	(Overlap	in km)		
209C1	KP1P	Greenville	CP	DCX	220 1	62 97	BMPFD20030226ACH	40 13 59	121 01 08	4 500	2236 14 5	60 9	-35 73<	-12 37<		
12A 99040	Greenville	CA	APP	CX	220 1	62 99	BPFD19990405ME	40 14 00	121 01 11	0 056	2213 14 5	22 8	-31 97<	25 70		
210B1	NMR	Nevada City	LIC	C	193 0	161 83	BLFD2000100AAK	39 14 47	120 57 48	1 750	1205 142 4	29 2	21 23	-9 84<		
208A 95112	Reno	APP	DCN	NV	152 3	137 13	BPFD19951127MA	39 34 20	119 47 51	2 108	1557 144 7	12 2	20 92	-19 77<		
209C3 AP/09	Winnemucca	APP	CX	NV	220 8	237 19	BNPED20000113VAO	41 00 40	117 45 57	0 450	2069 203 6	38 8	37 75	-5 23<		
212A RAD	Susieville	ADD	CA	198 6	79 39		40 24 59	120 39 07	6 000	0	120 7	15 8	29 0R	0 4M		
212A RAD	Orin	DEF	CA	203 1	88 06		39 36 15	120 56 49	6 000	-1479	0	120 6	15 8	29 0R	59 1M	
212A KHO	Quincy	LIC	C	203 1	88 06	BLH20010802ABH	39 56 15	120 56 49	0 900	-424	1055 120 6	9 9	29 0R	59 1M		
Channel 210 80 9 MHz																
209C KNA	Burney	APP	CY	284 2	111 72	104 2	BPFD19960417MD	40 54 21	121 49 38	30 000	1722 134 1	81 0	97 32<	-103 31<		
209C2 KNA	Burney	LIC	CN	283 0	106 31	103 0	BLFD19970422KA	40 52 30	121 46 14	2 300	1635 134 3	48 8	-57 57<	-76 81<		
209C 95 113	Reno	APP	DCN	NV	153 3	16 24	333 3	BLFD19951113MB	39 19 08	119 40 07	13 000	2395 144 3	80 0	-47 58<	-57 06<	
210B1 KZER	Chico	LIC	CN	224 3	132 85	44 3	BLFD19900713KD	39 48 25	121 37 35	6 300	731 138 1	16 0	16 08	-21 20<		
207C1 KP1P	Greenville	CP	DCX	220 1	62 97	40 1	BMPFD20030226ACH	40 13 59	121 01 08	4 500	2236 14 5	60 9	35 73<	-12 37<		
12A 99040	Greenville	APP	CX	220 1	62 99	40 1	BPFD19990405ME	40 14 00	121 01 11	0 056	2213 14 5	22 8	-31 97<	25 70		
209C2 950718	Lake Tahoe City	APP	CN	159 4	160 77	339 1	BPFD19950718MA	39 18 38	119 51 01	0 600	2977 140 6	24 5	28 97	-4 26<		
Channel 211 90 1 MHz																
210B1 KZER	Chico	TC	CN	224 3	132 85	44 3	BLFD19900713KD	39 48 25	121 37 35	6 300	731 199 8	16 0	-29 63<	-82 93<		
12A 99040	Greenville	APP	CX	220 1	62 99	40 1	BPFD19990405ME	40 14 00	121 01 11	0 056	2213 139 9	22 8	-66 42<	-99 75<		
210C1 KQMC	Hawthorne	APP	CX	NV	144 3	255 25	324 5	RMPFD20030512ADF	38 47 04	118 49 59	1 300	2816 210 7	56 2	23 89	-11 67<	
212A RAD	Quincy	ADD	CA	203 1	88 06	23 1		39 56 15	120 56 49	6 000	-1479	0	120 6	15 8	41 0R	47 1M
Channel 212 90 3 MHz																
12A 99040	Greenville	APP	CX	220 1	62 99	40 1	BPED19990405ME	40 14 00	121 01 11	0 056	2213 202 2	22 8	-104 56<	-162 00<		
210C2 KIBC	Burney	LIC	CN	283 0	106 28	103 0	BLFD19980206KA	40 52 29	121 46 13	3 000	1631 134 3	51 0	-60 63<	-79 09<		
210C KK10	Lake Tahoe City	LIC	VN	159 4	160 77	339 4	BLED19970902KB	39 18 38	119 53 01	38 000	2977 140 6	57 4	-18 81<	-37 21<		
210C3 AP/21	Susieville	APP	CX	185 9	23 85	5 9	BNPFD/0000421AAU	40 27 13	120 34 14	2 000	1800 14 5	32 4	-73 16<	-23 05<		

CH (C/N)	CALL	TYPE	STATE	AZT --	DIST FILE #	LAT LNG	Pwr(kW)		COR(M) HAAT(M)	PRO(km)	LICENSEE	"IN" (Overlap in km)	"OUT"
							---	---					
215B KZFR Chico		FIC	CN CA	224 3 44 3	132 85 BLFD19900713KD	39 48 25 121 37 35	6 300 -141	731 138 1	16 0	Golden Valley Community Br	16 08	-21 20<	
265A RADU Muncy		ADD	CN CA	205 1 22 1	88 06	39 56 15 120 56 49	6 000 1479	0 120 6	15 8	29 OR	59 1M		
Channel 213 90.5 MHz													
213C KIBC Burney		FIC	CN CA	283 0 103 0	106 28 BLFD19980206KA	40 52 29 121 46 13	3 000 512	1631 194 9	51 0	Burney Educ	-109 62<	-139 64<	
213C KFRO Tehoe City		FIC	VN CA	159 4 339 4	160 77 BLFD19970902KB	39 18 38 119 53 01	38 000 230	2977 203 0	57 4	75 80<	-99 64<		
212A 990405 Greenville		APP	CX CA	226 1 40 1	62 99 BPED19990405ML	40 14 00 121 01 11	0 056 621	2213 139 9	22 8	66 42<	-99 75<		
215C KPTV Susanville		APP	CX CA	185 9 5 9	23 85 BNPFD20000421AAU	40 27 13 120 34 14	2 000 231	1800 139 9	32 4	-73 16<	-23 05<		
214A 950714 Red Bluff		APP	CN CA	249 7 69 7	143 63 BPFD19950714MF	40 12 31 122 07 27	2 500 59	300 136 2	12 7	33 56	-5 21<		
267C AFLO Alturas		VAC	CN CA	330 5 150 5	95 94	41 25 00 121 06 32	100 000 -1497	0 99 9	31 0	48 OR	47 9M		
Channel 214 90.0 MHz													
215C KPTV Susanville		APP	CX CA	185 9 5 9	23 85 BNPFD20000421AAU	40 27 13 120 34 14	2 000 231	1800 139 9	32 4	-119 38<	-148 46<		
214A 950714 Red Bluff		APP	CN CA	249 7 69 7	143 63 BPFD19950714MF	40 12 31 122 07 27	2 500 59	300 197 2	12 7	2 48	-66 27<		
213C KFRC Burney		FIC	CN CA	283 0 103 0	106 28 BLFD19980206KA	40 52 29 121 46 13	3 000 512	1631 134 3	51 0	-60 63<	-79 09<		
213C KKCG Tehoe City		FIC	VN CA	159 4 339 4	160 77 BLFD19970902KB	39 18 38 119 53 01	38 000 230	2977 140 6	57 4	-18 81<	-37 21<		
212A 990405 Greenville		APP	CX CA	220 1 40 1	62 99 BPED19990405ME	40 14 00 121 01 11	0 056 621	2213 145 5	22 8	-31 97<	25 70		
215C KSKF Klamath Falls		FIC	E OR	330 6 150 6	183 20 BLFD19960111KX	42 05 50 121 37 59	6 500 733	2004 186 9	67 9	0 00<	-8 55<		
267C AFLO Alturas		VAC	CN CA	330 5 150 5	95 94	41 25 00 121 06 32	100 000 -1497	0 99 9	31 0	48 OR	47 9M		
Channel 215 90.9 MHz													
215C KPTV Susanville		APP	CX CA	185 9 5 9	23 85 BNPFD20000421AAU	40 2 13 120 34 14	2 000 231	1800 202 1	32 4	-159 09<	-210 70<		
215C KSKF Klamath Falls		FIC	E OR	330 6 150 6	183 20 BLFD19960111KX	42 05 50 121 37 59	6 500 733	2004 186 9	67 9	-51 38<	-71 59<		
215B KXFR Sacramento		FIC	CN CA	200 9 20 9	231 73 BLFD19841106KS	38 42 38 121 28 54	50 000 137	155 206 0	50 4	-1 04<	-24 68<		
212A 990405 Greenville		APP	CX CA	220 1 40 1	62 99 BPFD19990405MF	40 14 00 121 01 11	0 056 621	2213 145 5	22 8	-31 97<	25 70		
214A 950714 Red Bluff		APP	CN CA	219 7 69	143 63 BPFD19950714MF	40 12 31 122 07 27	2 500 59	300 136 2	12 7	33 56	-5 21<		
216C 950713 Redding		APP	DCN CA	270 1 90 1	167 33 BPFD19950713MB	40 39 14 122 31 12	1 729 715	986 136 0	53 9	-4 51<	-22 59<		
216C 950327 Redding		APP	DCN CA	270 1 90 1	167 33 BPFD19950327MA	40 39 14 122 31 12	1 800 707	978 136 0	54 1	-4 70<	-22 73<		